

## **ABSTRACT**

Water measurement apparatus and methods of operation. An exemplary implementation of water measurement apparatus comprises a measurement circuit outputting a voltage. A processor is operatively associated with the measurement circuit to receive the voltage and determine a capacitance value proportional to a water level. Computer readable program code is provided in computer readable storage and executable by the processor. The computer readable program code includes program code for determining the water level based on the capacitance value. Water measurement apparatus may also be implemented in an auto-network of water measurement stations.